

## METHOD AND SYSTEM FOR VERIFYING DATA IN A SHADOW MEMORY

## ABSTRACT OF THE DISCLOSURE

5        A system for verifying data in a shadow memory is provided  
that includes a main memory, a shadow memory, a shadow memory  
initializer, and a shadow memory verifier. The main memory is  
operable to store main data persistently. The shadow memory is  
operable to store shadow data temporarily. The shadow data  
10       comprises a copy of the main data. The shadow memory  
initializer is operable to detect an initialization event and to  
initialize the shadow memory based on the initialization event.  
The shadow memory verifier is operable to detect a verification  
event and to verify the shadow data based on the verification  
15       event.